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VOLUTE INLET OF FAN

FIELD OF THE INVENTION

The present invention relates to cooling devices and more particularly to a volute

- 5 inlet of a fan with an improved heat dissipation characteristic.

DESCRIPTION OF RELATED ART

The improvements of computer components are continuous. Also, heat generated

- by running computer components is increased. This is particularly true for a CPU (central
10 processing unit) and data storage components (e.g., hard disk). It is understood that the

normal operation of a computer will be adversely affected or even the computer will be
broken down if accumulated heat is not dissipated sufficiently. As such, well heat
dissipation is critical for the computers. A heat dissipation device for a computer is either a
liquid cooled or an air cooled type. Also, a fan is the most important element of the heat

- 15 dissipation device of either type. This is particularly true for the notebook computer or the
1U server. However, the increase of the number of fans is limited or even impossible due
to the narrow internal space of the computer or the 1U server. Hence, the only way to